

Beta Exploration, Inc. #2-X *Navajo-2*  
SW/SW Sec 19, T36N, R30E Permit 651

(over)

# WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well ☐ Work-Over ☐ Deepen ☒ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

## DESCRIPTION OF WELL AND LEASE

Operator: BETA EXPLORATION, INC. Address: 601 Denver Club Bldg, Denver, Colo. 80202  
Federal, State or Indian Lease Number or name of lessor if fee lease: N00-C-14-20-2981 Well Number: E 2-X Field & Reservoir: Dineh-Bi-Keyah  
Location: 780' FSL, 1955' FWL County: Apache  
Sec. TWP-Range or Block & Survey: 19-36N-30E

Date spudded: 8/14/75 Date total depth reached: 8/23/75 Date completed, ready to produce: 8/23/75 Elevation (D.T., R.E.B., RT or Gr.) feet: 8634KB Elevation of casing hd. Range feet:  
Total depth: 4677 per sample description P.E.T.D. Single, dual or triple completion? If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: Rotary tools used (interval): Cable tools used (interval):  
Was this well directionally drilled? No Was directional survey made? Was copy of directional survey filed? Date filed:  
Type of electrical or other logs run (check logs filed with the commission): Gamma Ray Sonic 4000' - 4677' Date filed:

## CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)  
Purpose: Beta deepened this test Size hole drilled: from 4449' - 4677'. Casing was run by previous operator and his records show: Size casing set: 13-3/8" Weight (lb./ft.): 24# Depth set: 95.8' Sacks cement: 842' Amt. pulled:

## TUBING RECORD

## LINER RECORD

Size in. Depth set ft. Packer set at ft. Size in. Top ft. Bottom ft. Sacks cement Screen (ft.)

## PERFORATION RECORD

## ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft. Size & type Depth Interval Amt. & kind of material used Depth Interval  
(See attached Sample Description)

## INITIAL PRODUCTION

Date of first production: Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump):  
Date of test hrs. tested Choke size Oil prod. during test bbls. Gas prod. during test MCF Water prod. during test bbls. Oil gravity ° API (Corr)  
Tubing pressure Casing pressure Cal'd rate of Production per 24 hrs. Oil bbls. Gas MCF Water bbls. Gas-oil ratio  
Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the Beta Exploration, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: 9/4/75

Signature: E. E. Heiser

Form No. 651

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
Form No. 4  
File One Copy

DETAIL OF FORMATIONS PENETRATED			
Formation	Top	Bottom	Description*

**INSTRUCTIONS:**

- Form No. 4

PLUGGING RECORD					
Operator <b>BETA EXPLORATION, INC.</b>			Address <b>601 Denver Club Bldg., Denver, Colo. 80202</b>		
Federal, State, or Indian Lease Number, or lessor's name if fee lease. <b>N00-C-14-20-2981</b>		Well No. <b>E 2-X</b>	Field & Reservoir <b>Dineh-Bi-Keyah</b>		
Location of Well <b>780' FSL, 1955' FWL</b>		Sec-Twp-Rge or Block & Survey <b>19-36N-30E</b>		County <b>Apache</b>	
Application to drill this well was filed in name of <b>BETA EXPLORATION, INC.</b>	Has this well ever produced oil or gas <b>No</b>	Character of well at completion (initial production): Oil (bbls/day)      Gas (MCF/day)		Dry? <b>Yes</b>	
Date plugged: <b>8/23/75</b>	Total depth <b>4677'</b>	Amount well producing when plugged: Oil (bbls/day)      Gas (MCF/day)		Water (bbls/day)	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation		Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement	
<b>O &amp; G - NONE</b>				<b>4630-4677' w/20 sx.</b>	
<b>MISSISSIPPIAN-----</b>	<b>unknown-----</b>	<b>4640' - 4677' (Sonic)</b>		<b>3800-3650' w/50 sx.</b>	
				<b>2150-1950' w/70 sx.</b>	
				<b>870-820' w/20 sx.</b>	
				<b>Surface w/10 sx.</b>	
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
<b>Beta deepened this test from 4449' - 4677'. Casing was run by previous operator and his records show:</b>					
<b>13-3/8'</b>	<b>95.8'</b>				
<b>8-5/8'</b>	<b>842'</b>				
Was well filled with mud-laden fluid, according to regulations? <b>Yes</b>			Indicate deepest formation containing fresh water. <b>Unknown</b>		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address			Direction from this well:	
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <b>Vice President</b> of the <b>Beta Exploration, Inc.</b> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
<b>APPROVED</b> Date <b>9/4/75</b> <b>OIL &amp; GAS CONSERVATION COMMISSION</b> <b>STATE OF ARIZONA</b>		Signature <b>E. E. Heiser</b>			
By <b>W. B. Allen</b> Date <b>8-25-76</b> Permit No. <b>651</b>		<b>STATE OF ARIZONA</b> <b>OIL &amp; GAS CONSERVATION COMMISSION</b> Plugging Record File One Copy			
Form No. 10					

# APPLICATION TO ABANDON AND PLUG

FIELD DINEH-BI-KEYAH

OPERATOR BETA EXPLORATION, INC. ADDRESS 601 Denver Club Bldg., Denver, Colo. 80202

Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease N00-C-14-20-2981 WELL NO. E-2X NAVAJO

SURVEY SECTION 19 COUNTY APACHE

LOCATION 780' FSL, 1955' FWL Sec. 19, T36N, R30E, G.&S.R.M.

• TYPE OF WELL Dry Hole TOTAL DEPTH 4677'  
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned)

LAST PRODUCTION TEST OIL (Bbls.) WATER (Bbls.)  
GAS (MCF) DATE OF TEST

PRODUCING HORIZON PRODUCING FROM TO

## 1. COMPLETE CASING RECORD

13-3/8' H-40, T&C 95.8'

8-5/8' 24# 842'

## 2. FULL DETAILS OF PROPOSED PLAN OF WORK

4630-4677' w/20 sx

4445-4300' w/50 sx

3800-3650' w/50 sx

2150-1950' w/70 sx

870-820' w/20 sx

Surface w/10 sx

If well is to be abandoned, does proposed work conform with requirements of Rule 202? Regulation Dry Hole marker installed. The above plugging instructions given by radio on 8/23/75 by M. L. Seelinger, U.S.G.S. If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS

NAME OF PERSON DOING WORK ADDRESS

CORRESPONDENCE SHOULD BE SENT TO

Name E. E. Jensen  
Title Vice President

Address 601 Denver Club Building, Denver, Colorado 80202

Date August 25, 1975

Date Approved 8-30-75

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION

By [Signature]

Permit No. 651

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Abandon and Plug  
File Two Copies

Form No. 2

BETA EXPLORATION  
NAVAJO E-2-X  
SEC. 19-36N-30E  
APACHE COUNTY, ARIZONA

SAMPLE DESCRIPTION BY J. R. TAYLOR & E. E. HEISER

8/21/75: New hole starts @ 4449' - 3:00 A.M.

4452' sh., greenish gray & sandy sh., some chert  
4453' ls., dense, white-cream-buff & some greenish gr. sh.  
(saw one piece of micaceous dark gray, ign. rock  
(12,000# weight on bit)  
4450-55' As above  
4459' As above - few rounded qtz. grains (set geologist ahead  
2') - 4:25 A.M.  
4460-65' (28,000#- weight on bit  
4471' ls. as above (5:35 A.M.)  
4470-75' ls. dense - white about 20% ls., foss., tite, poor  
porosity, yellow flour, sl. cut  
4475'-80' As above-white, tan about 5% with poor shows  
4480-85' as above, one fragment, ign. rock (cave?) 6'/ft.  
4485-90' ls. white, tan, several fragments, ign. rock, N.S.  
11'/ft., some ls. pieces have fluor  
4490-95' as above  
4495-4500' as above  
4500-10' ls., light tan  
4510-20' ls., white to trace blk., several frag. sill material,  
N.S., prb. cave. Few frags., ls., soft, yellow flour, wk.  
cut  
4520-30' ls., lite tan, tite, N.S.  
4530-40' as above  
4540-50' as above (4:45 P.M. 8/21/75)  
4550-60' ls., lite tan, tite, trace flour. + 6 pieces of sill  
4560-70' ls. as above & sh., soft, gg., red (7:20 P.M.), drlg. 8'/hr.  
4570-80' Mostly sh., gg- red (Molas ?)  
4580-90' Sh., same as above  
4590-4600' Sh., pred gg., some med g. ss., tightly cemented  
4600-10' Sh. as above, more ss as above, some loose sd. grains  
4610-20' as above w/some pink chert (5:00 A.M. - drlg. 4626')  
4620-30' as above  
4630-40' Found top Miss., Increase ls. & drlg. break @ 4634'  
4640-50' Definite Miss., dense wh. ls. & pink chert - 50% cave  
4650-70' as above  
TD 4677' driller - P&A 8/23/75

# APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☐

RE-ENTER OLD WELL ☒

NAME OF COMPANY OR OPERATOR

Beta Exploration, Inc.

Address 600 Denver Club Building City Denver, State Colorado 80202

Drilling Contractor

To be determined on basis of availability

Address

## DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Navajo #N00-C-14-20-2981 Well number 2-X Elevation (ground) 8620

Nearest distance from proposed location to property or lease line: 780 feet Distance from proposed location to nearest drilling, completed or applied--for well on the same lease: -- feet

Number of acres in lease: 2,530 Number of wells on lease, including this well, completed in or drilling to this reservoir: None

If lease, purchased with one or more wells drilled, from whom purchased: Name -- Address --

Well location (give footage from section lines) 780FSL, 1955'FWL Section--township--range or block and survey Sec. 19-T36N-R30E Dedication (Comply with Rule 105) 160

Field and reservoir (if wildcat, so state) Dineh-bi-Keyah County Apache

Distance, in miles, and direction from nearest town or post office

Proposed depth: 4600 Rotary or cable tools Rotary Approx. date work will start June 15, 1975

Bond Status Amount Organization Report On file Or attached Attached Filing Fee of \$25.00

Remarks: It is proposed to re-enter well, clean out old hole and deepen well from 4449' (Present T. D.) to 4600'. Drilling mud will be used as circulating medium.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the

Beta Exploration, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

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APR 23 1975

O & G CONS. COMM.

For: Beta Exploration, Inc.

Ewell N. Walsh  
Signature Ewell N. Walsh, P. E.  
President, Walsh Engr. & Prod. Corp.

Date April 23, 1975

Permit Number: 651

Approval Date: 7-14-75

Approved By: W. B. O.

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Drill or Re-enter  
File Two Copies

Form No. 3

(Complete Reverse Side)



1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES \_\_\_\_\_ NO \_\_\_\_\_
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_\_ NO \_\_\_\_\_. If answer is "yes," Type of Consolidation \_\_\_\_\_
6. If the answer to question four is "no," list all the owners and their respective interests below:

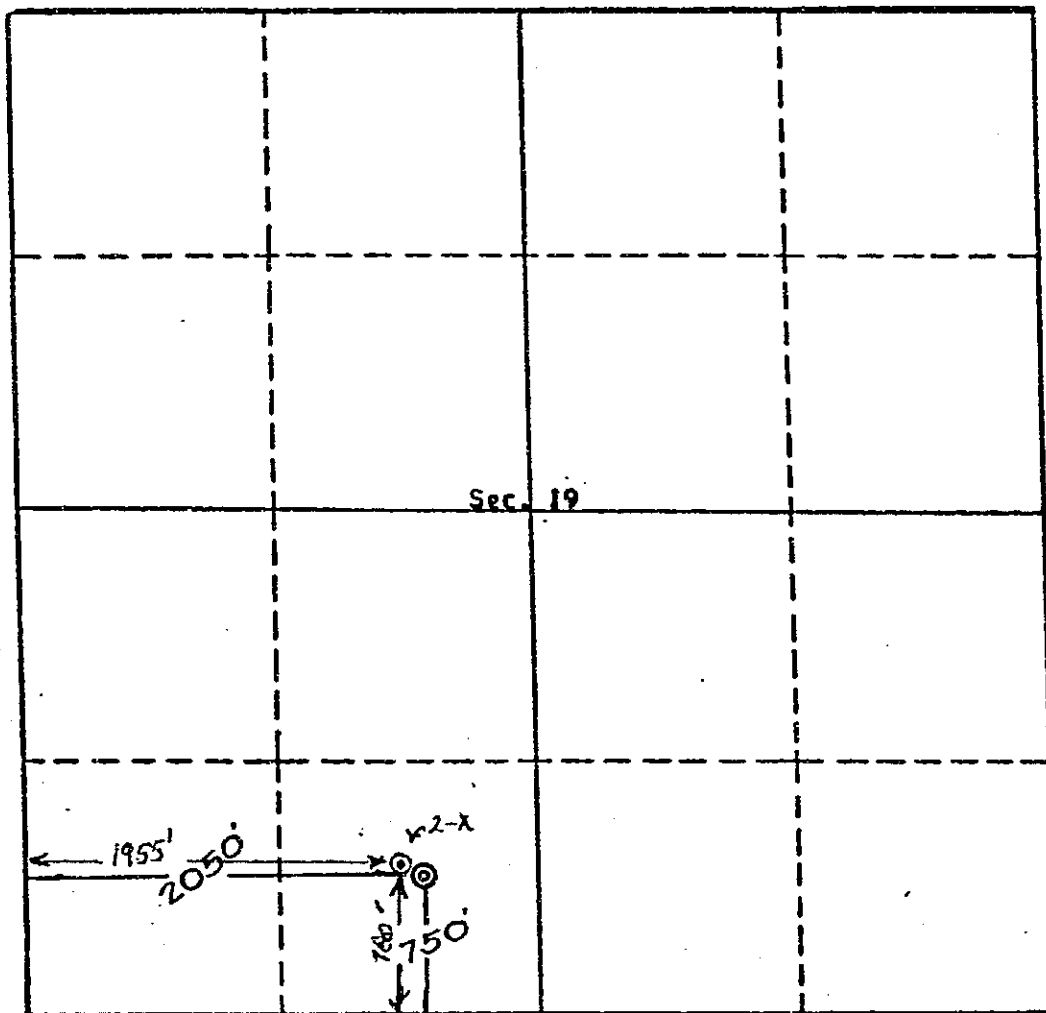
Owner	Land Description																
<div style="display: flex; justify-content: space-between;"> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td></tr> <tr><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td></tr> <tr><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td></tr> <tr><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td><td style="height: 50px;"></td></tr> </table> </div> <div style="width: 45%;"> <p style="text-align: center;"><b>CERTIFICATION</b></p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name _____</p> <p>Position _____</p> <p>Company _____</p> <p>Date _____</p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p> </div> </div>																	

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**PROPOSED CASING PROGRAM**

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement

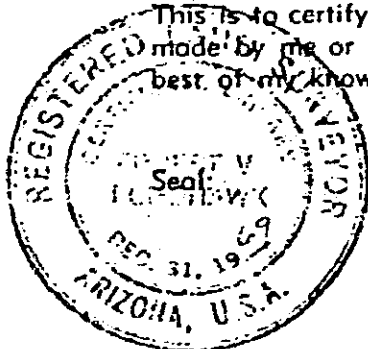
BETA EXPLORATION, INC.  
 Company CONTINENTAL ENERGY CORPORATION  
 Well Name & No. Navajo "E" Z-X  
 Location <sup>780</sup> 750 feet from the South line and 2050 feet from the West line. <sup>1955</sup>  
 Sec. 19, T. 36 N., R. 30 E., G. & S. R. M., County Apache, Arizona  
 Ground Elevation 8620



Scale, 1 inch = 1,000 feet

Surveyed September 4, 19 69

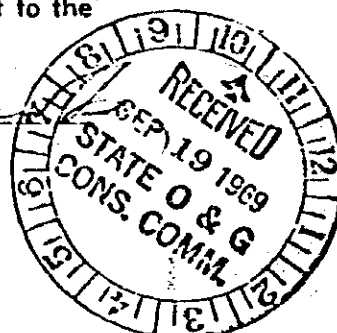
This is to certify that the above plot was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



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APR 20 1970  
O & G CONS. COMM.

Ernest V. Echohawk  
Registered Land Surveyor  
Arizona Registration No. 2311





## PERMIT TO DRILL

This constitutes the permission and authority from the  
OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

To: BETA EXPLORATION, INC.  
(OPERATOR)

to drill a well to be known as

Beta Exploration, Inc. Well #2-X

(WELL NAME)

located 780' FSL, 1955' FWL

Section 19 Township 36N Range 30E, \_\_\_\_\_ County, Arizona.

The SW/4 Sec 19, T36N, R30E of said  
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled  
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 14th day of July, 1975.

OIL AND GAS CONSERVATION COMMISSION

By

W. B. Allen  
EXECUTIVE SECRETARY

PERMIT N<sup>o</sup> 651

RECEIPT NO. 0395  
SAMPLES ARE REQUIRED  
API #02-001-29216

20116

State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27

August 25, 1976

Mr. E. E. Heiser  
Beta Exploration, Inc.  
601 Denver Club Building  
Denver, Colorado 80202

Re: Beta Exploration Well No. E2-X  
Sec. 19, T36N, R30E, Apache County  
Permit No. 651

Dear Mr. Heiser:

It is our understanding that your company wishes to cancel the surety bond on the above-referred well. I understand you have requested an approved copy of the Application to Abandon and Plug and the plugging record on this hole. The requested forms are attached.

Since your company has complied with all the rules and regulations of this Commission, this bond may be cancelled at your discretion.

Very truly yours,

William E. Allen  
Director  
Enforcement Section

WEA/vb

Enc.

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 309B7324

That we: BETA EXPLORATION, Inc.

of the County of Denver in the State of Colorado

as principal, and The Travelers Indemnity Company

of Hartford, Connecticut

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of FIVE THOUSAND AND NO/100 DOLLARS (\$5,000.00)----- lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

Section 19, T36N, R30E, Apache County Arizona -----

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. §27-516, providing for the proper drilling, casing and plugging of said well or wells, and filling with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 12th day of May, 1975

BETA EXPLORATION, INC.

DATE 8-26-76

E.E. Heisen  
Principal

WITNESS our hands and seals this 12th day of May, 1975

The Travelers Indemnity Company

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JUL 11 1975

O & G CONS. COMM.

Winnie L. Morris  
Surety Winnie L. Morris, Attorney-in-Fact

Walter J. Shudde, Jr.  
Surety, Resident Arizona Agent  
(If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date 7-14-75  
STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
By W.E. Allen

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Bond  
File Two Copies  
Form No. 2

Permit No.

**The Travelers Indemnity Company**  
Hartford, Connecticut

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:**

That THE TRAVELERS INDEMNITY COMPANY, a corporation of the State of Connecticut, does hereby make, constitute and appoint  
William L. Gunter, Trenton Tunnell, Jr., Clarence M. Glenn, Margaret G. Oxford, Winnie L. Norris, William E. Pitts, William L. Hix, Travis Oxford, John Baer, John E. Branch, Jr., David M. Cochrane, Jr., Carl S. Gunter, Charles B. Grisard, all of Atlanta, Georgia, EACH \_\_\_\_\_

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto, if a seal is required, bonds, undertakings, recognizances, consents of surety or other written obligations in the nature thereof, as follows:

Any and all bonds, undertakings, recognizances, consents of surety or other written obligations in the nature thereof \_\_\_\_\_

and to bind THE TRAVELERS INDEMNITY COMPANY thereby, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.

This appointment is made under and by authority of the following by-laws of the Company which by-laws are now in full force and effect:

ARTICLE IV, SECTION 13. The Chairman of the Board, the President, the Chairman of the Finance Committee, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, any Secretary or any Department Secretary may appoint attorneys-in-fact or agents with power and authority, as defined or limited in their respective powers of attorney, for and on behalf of the Company to execute and deliver, and affix the seal of the Company thereto, bonds, undertakings, recognizances, consents of surety or other written obligations in the nature thereof and any of said officers may remove any such attorney-in-fact or agent and revoke the power and authority given to him.

ARTICLE IV, SECTION 15. Any bond, undertaking, recognizance, consent of surety or written obligation in the nature thereof shall be valid and binding upon the Company when signed by the Chairman of the Board, the President, the Chairman of the Finance Committee, any Executive Vice President, any Senior Vice President, any Vice President or any Second Vice President and duly attested and sealed, if a seal is required, by any Secretary or any Department Secretary or any Assistant Secretary or when signed by the Chairman of the Board, the President, the Chairman of the Finance Committee, any Executive Vice President, any Senior Vice President, any Vice President or any Second Vice President and countersigned and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent; and any such bond, undertaking, recognizance, consent of surety or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority granted by his or their power or powers of attorney.

This power of attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Directors of THE TRAVELERS INDEMNITY COMPANY at a meeting duly called and held on the 30th day of November, 1959:

VOTED: That the signature of any officer authorized by the By-Laws and the Company seal may be affixed by facsimile to any power of attorney or special power of attorney or certification of either given for the execution of any bond, undertaking, recognizance or other written obligation in the nature thereof; such signature and seal, when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

This power of attorney revokes that dated July 12, 1973 on behalf of William L. Gunter, Trenton Tunnell, Jr., Clarence M. Glenn, Margaret G. Oxford, David M. Michaux, III, Winnie L. Norris, William E. Pitts, William L. Hix, Travis Oxford, John Baer, John Branch, Jr., David M. Cochrane, Jr. \_\_\_\_\_

IN WITNESS WHEREOF, THE TRAVELERS INDEMNITY COMPANY has caused these presents to be signed by its proper officer and its corporate seal to be hereunto affixed this 29th day of May 1974.

THE TRAVELERS INDEMNITY COMPANY

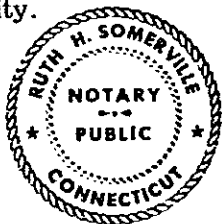


**CANCELLED**

DATE 8-26-76

Secretary, Surety

State of Connecticut, County of Hartford—ss: May 29th 1974  
On this day of in the year before me personally came D. J. Nash to me known, who, being by me duly sworn, did depose and say: that he resides in the State of Connecticut; that he is Secretary (Surety) of THE TRAVELERS INDEMNITY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of his office under the by-laws of said corporation, and that he signed his name thereto by like authority.



RECEIVED

JUL 11 1975

O & G CONS. COMM.

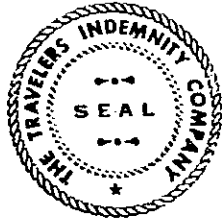
Ruth H. Somerville

Notary Public  
April 1, 1979

**CERTIFICATION**

I, John H. Hanks, Assistant Secretary (Surety) of THE TRAVELERS INDEMNITY COMPANY certify that the foregoing power of attorney, the above quoted Sections 13. and 15. of Article IV of the By-Laws and the Resolution of the Board of Directors of November 30, 1959 have not been abridged or revoked and are now in full force and effect.

Signed and Sealed at Hartford, Connecticut, this 12 day of May 1975.



*John H. Hanks*  
Assistant Secretary, Surety

S-1869 (BACK)



OFFICE OF  
**Oil and Gas Conservation Commission**  
STATE OF ARIZONA

4515 NORTH 7TH AVE.

PHOENIX, ARIZONA 85013  
PHOENIX, ARIZONA 85013

2695 N. CENTRAL, SUITE 106  
PHOENIX, ARIZONA 85020

November 20, 1975

Ms. Kay Waller  
Petro-Well Libraries, Inc.  
150 Security Life Building  
1616 Glenarm Place  
Denver, Co 80202

RE: NOVEMBER CURRENT FILE MATERIAL

Dear Kay:

Enclosed you will find the following current material for November:

DATA: Completion report and miscellaneous reports on Beta Exploration  
#2-X, File #651; Duval Corporation, Well No. 49, File #626;  
Williams Energy Company, Well No. 7, File #646.

LOGS: Borehole Compensated Sonic Log, File #651, Beta Exploration  
Radioactivity Log, Duval Corporation, File #626

Thank you.

Saralee Lorenzo  
Secretary



November 20, 1975

Mr. Jim Webster  
Photogrammetry & Mapping Services  
Highway Division  
Department of Transportation  
1739 W. Jackson, Room 61  
Phx., AZ 85007

Dear Mr. Webster:

This is to advise you that Beta Exploration, Inc. #2-X  
was spudded on 8-14-75. This well is located in Sec 19,  
Twp 36N, R30E, Apache County. This is our File #651.

Thank you.

Saralee Lorenzo  
Secretary

*Beta Exploration, Inc.*

SUITE 601, DENVER CLUB BLDG. • DENVER, COLORADO 80202 • 303 572-8570

September 24, 1975

Mr. W. E. Allen, Director  
Enforcement Section  
Oil and Gas Conservation Commission  
8636 N. Central, Suite 106  
Phoenix, Arizona 85020

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SEP 24 1975

O & G CONS. COMM.

Re: Beta Exploration, Inc. #2-X  
Sec. 19, T. 36N., R. 30E.  
Apache County, Arizona  
Permit #651

Dear Mr. Allen:

In accordance with your letter request in connection with the captioned, enclosed is the Borehole Compensated Sonic Log which was the only log run on this well.

Samples of the cores and cuttings will be forthcoming under separate cover.

Very truly yours,

BETA EXPLORATION, INC.

*E. E. Heiser*

E. E. Heiser  
Vice President

EEH/ij  
Encl.

021

September 8, 1975

*Denver Club  
Bldg.*

Mr. E. E. Heiser  
Vice President  
Beta Exploration, Inc.  
Suite 601  
Denver, Colorado 80202

RE: Beta Exploration Inc. #2-X  
Sec. 19, T36N, R30E  
Apache County, AZ  
Permit #651

Dear Mr. Heiser:

Thank you for your Plugging Report and Completion Report on the above referenced well. However, before we can close the file on this well, we need a copy of the logs that you read on this well and also samples taken from 4449-4677'.

For your information, we are enclosing a copy of Rule #119 of the Rules and Regulations of the Oil & Gas Conservation Commission.

Thank you for your cooperation.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/sl

Encl.

*Beta Exploration, Inc.*

SUITE 601, DENVER CLUB BLDG. • DENVER, COLORADO 80202 • 303 572-8570

September 4, 1975

Mr. W. E. Allen, Enforcement Section  
Oil & Gas Conservation Commission  
State of Arizona  
8686 North Central, Suite 106  
Phoenix, Arizona 85020

Re: Beta Exploration, Inc. #2-X  
Sec. 29, T36N, R30E  
Apache County, Arizona  
Permit #651

Dear Mr. Allen:

The Plugging and Well Completion forms you furnished us for the captioned have been completed and executed and are being returned to you for the completion of your files.

We trust we have completed same to your satisfaction, however if you need additional information please advise.

Very truly yours,

BETA EXPLORATION, INC.

*E. E. Heiser*

E. E. Heiser

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Encls.

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SEP 8 1975  
O & G CONS. COMM.

W A C C

August 28, 1975

Mr. E. E. Heiser  
Vice President  
Beta Exploration Inc.  
Suite 601  
Denver, Colo. 80202

RE: Beta Exploration Inc. #2-X  
Sec 19, T36N, R30E  
Apache County, AZ  
Permit #651

Dear Mr. Heiser:

We are in receipt of your letter of August 25, 1975 requesting further information on forms which may be needed.

Enclosed please find Plugging Forms and Well Completion Forms which we will need to close our files on the above.

If you have any questions, please feel free to call.

Very truly yours,

Saralae Lorenzo (Mrs)  
Secretary to W. E. Allen  
Enforcement Section

sl

Encls.

*beta exploration, inc.*

SUITE 601, DENVER CLUB BLDG. • DENVER, COLORADO 80202 • 303 572-8570

August 25, 1975

Mr. John Bannister,  
Executive Secretary  
Oil & Gas Conservation Commission  
State of Arizona  
8686 N. Central, Suite 106  
Phoenix, Arizona 85020

Re: Beta Exploration, Inc. #2-X  
Sec. 19, T36N, R30E  
Apache County, Arizona

Dear Mr. Bannister:

Enclosed for your information is Form #9, Application To Abandon and Plug  
for the captioned well which was a dry hole.

Please advise if there are any other forms that should be prepared in this  
regard and we will be happy to comply.

If any other forms are necessary to complete in this regard, we would  
appreciate your forwarding same to us as we do not have any State of Arizona  
forms in this office.

Thank you.

Very truly yours,

BETA EXPLORATION, INC.

*E. E. Heiser*

E. E. Heiser  
Vice President

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Encls.

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AUG 28 1975  
O & G CONS. COMM.

651

*Beta Exploration, Inc.*

SUITE 601, DENVER CLUB BLDG. • DENVER, COLORADO 80202 • 303 572-8570

August 8, 1975

Mr. John Bannister  
Executive Secretary  
Oil & Gas Conservation Commission  
State of Arizona  
8686 N. Central, Suite 106  
Phoenix, Arizona 85020

Re: Beta Exploration, Inc. #2-X  
SW/4 SW/4 Sec. 19, T36N, R30E  
Apache County, Arizona  
Your File 651

Dear Mr. Bannister:

Attached is the completed copy of Form No. 1, Organization Report as requested in your August 5th letter.

As far as our casing program, we plan to re-enter the old test well drilled initially by Continental Energy which has:

13-3/8" Conductor 84'  
8-5/8" Surface 842'

In the event that we are successful in our objective, we will probably run 7" pipe for completion purposes.

Very truly yours,

BETA EXPLORATION, INC.

*E. E. Heiser*

E. E. Heiser  
Vice President

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O & G CONS. COMM.

EEH/ij  
Encl.

8686 N. Central, Ste. 106  
XXXXXXXXXXXXXX  
XXXX 85020

August 5, 1975

Mr. E. E. Heiser  
Beta Exploration, Inc.  
601 Denver Club Building  
Denver, Colorado 80202

Re: Beta Exploration, Inc. #2-X  
SW/SW Sec 19, T36N, R30E  
Apache County, Arizona  
Our File 651

Dear Mr. Heiser:

Pursuant to your request, enclosed is a copy of our  
Form No. 1, Organization Report, which should be  
filled out and returned.

Also, please advise us of your proposed casing pro-  
gram. Mr. Walsh failed to indicate this when he  
filed the application on your behalf.

Should you need anything further, will you please  
advise.

Sincerely,

John Bannister  
Executive Secretary

JB/vb

Enc.



July 14, 1975

Mr. Ewell Walsh  
Walsh Engineering and  
Production Corporation  
P. O. Box 254  
Farmington, New Mexico 87401

RE: Navajo #2-X (Beta Exploration, Inc.)  
Sec 19, T36N, R30E  
Navajo County

Dear Red:

Attached is the approved Application to Re-Enter the above listed well, the Permit to Drill and the Approved Bond. We received the bonds from Mr. Heiser last Friday, July 11. We are notifying him of the receipt of these bonds by a copy of this letter.

Also enclosed is a copy of our Form #1, Organization Report. Please have this form completed and returned to us at your earliest convenience. Also advise us of your proposed casing program. You failed to do this on your Application to Drill.

Good luck to you on this re-entry attempt.

Sincerely,

W. E. Allen, Director  
Enforcement Section

WEA/sl

Encls.

cc: Mr. E. E. Heiser

657



OFFICE OF  
**Oil and Gas Conservation Commission**  
STATE OF ARIZONA

██████████ 65013

PHONE: (602) 271-5161

8686 N. CENTRAL, SUITE 106  
PHOENIX, ARIZONA 85020

July 14, 1975

Mrs. Jo Ratcliff  
Four Corners Sample Cut Association  
P. O. Box 899  
Farmington, New Mexico 87401

Dear Mrs. Ratcliff:

The following permit was issued this date:

Beta Exploration, Inc.  
SWSW Sec 19, T36N, R30E  
Apache County  
Permit No. 651

Very truly yours,

Saralee Lorenzo  
Secretary to W. E. Allen  
Enforcement Section

SL

XXXXXXXXXXXXXX

8686 N. Central, Suite 106  
Phoenix, Arizona 85020

May 7, 1975

Mr. Ewell Walsh  
Walsh Engineering and  
Production Corporation  
P. O. Box 254  
Farmington, New Mexico 87401

Re: Navajo 2-X (Beta Exploration)  
Section 19-T36N-R30E  
Apache County

Dear Red:

I forgot to mention when I wrote you concerning the junk in the above referenced well that we had not as yet received a bond needed prior to issuing a permit to re-enter this well.

Mr. Heiser requested in our telephone conversation that we send the bond forms to Walt Forbes Company, Box 2539, Casper, Wyoming. We sent these forms on April 10, but at this time we have had no word from the Forbes Company.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rlb

*Beta Exploration, Inc.*

SUITE 601, DENVER CLUB BLDG. • DENVER, COLORADO 80202 • 303 572-8570

July 9, 1975

W. E. Allen  
Oil & Gas Conservation Commission  
State of Arizona  
8686 North Central, Suite 106  
Phoenix, Arizona 85020

Dear Sir:

I have been furnished three copies of the Performance Bond by S. Hammond Story Agency, Inc. for the drilling of a test well in Section 19, Township 36 North, Range 30 East, Apache County, Arizona. I do not know if they sent copies of this bond to you but in the event that they didn't, enclosed are two copies for your handling. Please notify me if this bond is satisfactory and approved by your office.

We are attempting to contract a rig at this time and we hope to commence on this test by August 1st.

Very truly yours,

BETA EXPLORATION, INC.

*E. E. Heiser*

E. E. Heiser  
Vice President

EEH/ij  
Encls.

cc: Ewell Walsh

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JUL 11 1975

O & G CONS. COMM.

XXXXXXXXXXXXXXXXXXXX

8686 N. Central, Suite 106  
Phoenix, Arizona 85020

April 28, 1975

Mr. Ewall Walsh  
Walsh Engineering and  
Production Corporation  
Box 254  
Farmington, New Mexico 87401

Re: Navajo 2-X  
Section 19-T36N-R30E  
Apache County

Dear Red:

We have received the application from Beta Exploration, Inc. to re-enter this old well.

The application is in order, however, you failed to identify which 160 acres are dedicated to this well. We assume that it would be the SW/4 of Section 19.

The real reason for this letter, however, is to send you a copy of the plugging report that Thomas Popp filed with us. You will note on this report that when Zoller and Danneberg attempted to re-enter this well, they hit junk in the hole and plugged and abandoned the well at 1860'. I thought that perhaps you might want to discuss this with Thomas prior to re-entering. I will hold your application until I hear from you on this. If you do re-enter, please advise which 160 acres are being dedicated to this well.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/r1b

Encs.

April 10, 1975

Mr. E. E. Heiser  
Beta Exploration  
601 Denver Club Building  
Denver, Colorado 80202

Dear Mr. Heiser:

Enclosed is a copy of our rules and regulations. If you will refer to the index you will notice that certain rules have been highlighted. I believe these to be the rules you will be primarily interested in at this time. You will also note that starting on Page 40 of this booklet are the Arizona Revised Statutes under which these rules were formed.

The area in which you plan to drill is the only area in the State in which the field rules pertain to spacing have been established. These spacing rules were approved at a formal Commission hearing instigated by Kerr-McGee and Humble Oil & Refining (now Exxon). The spacing rules require 160 acre spacing for wells completed in the Hermosa formation. We are attaching a copy of a plat indicating the designated well spacing and also a copy of the order authorizing the spacing.

As we have previously told you, if we can be of any assistance whatsoever, please do not hesitate to let us know.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rlb

Encs.

XXXXXXXXXXXXXXXXXXXX 8686 N. Central, Suite 106  
XXXXX Phoenix, Arizona 85020

April 10, 1975

Walt Forbes Company  
P. O. Box 2539  
Casper, Wyoming 82601

Gentlemen:

Mr. E. E. Heiser with Betta Exploration of Denver, Colorado has requested that we forward the attached bond forms to you. Mr. Heiser has indicated that they would bond their Arizona operations through your company.

If we can be of any assistance, please advise.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/r1b

Encs.

April 10, 1975

Mr. Ewell Walsh  
Walsh Engineering & Production Company  
P. O. Box 254  
Farmington, New Mexico 87401

Re: Proposed Betta Exploration Application to Drill

Dear Red:

Ernie Heiser has requested that I send you application to drill forms. He said that you were going to handle the proposed well to be drilled in the Dineh-bi-Keyah.

We have informed Heiser by letter of the spacing rules for the Dineh-bi-Keyah. You are familiar with these rules, I'm sure, since you appeared as an expert witness for the Commission when these rules were approved.

If we can assist you or your client in any manner, just let us know.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/r1b

Encs.



W#  
PETROLEUM ENGINEERING  
RESERVOIR STUDIES  
EVALUATIONS  
GEOLOGICAL STUDIES

EWELL N. WALSH, P.E.  
President

**WALSH  
ENGINEERING & PRODUCTION  
CORPORATION**

EXECUTIVE BLDG. - 413 W. MAIN  
P. O. BOX 254  
FARMINGTON, NEW MEXICO  
87401

LEASE MANAGEMENT  
CONTRACT PUMPING  
DRILLING SUPERVISION  
WORKOVER SUPERVISION

TELEPHONE 325-8203

May 1, 1975

Mr. W. E. Allen, Director  
Enforcement Section  
Oil and Gas Conservation Commission  
State of Arizona  
8686 N. Central, Suite 106  
Phoenix, Arizona 85020

Ref: Beta Exploration, Inc.  
Navajo "E" No. 2-X  
Section 19-T36N-R30E  
Apache County, Arizona

Dear Bill:

Sorry I did not indicate the 160 acres dedicated to the well. The dedication should be the SW/4 Section 19-T36N-R30E.

Thank you for your concern about re-entering the well. We are aware of the problem Zoller and Danneberg had when they re-entered the well. Therefore, the Re-Entry Prognosis has been prepared on the basis of the problem they encountered.

Again, thank you for the information.

Very truly yours,



Ewell N. Walsh, P. E.  
President

ENW:lt

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MAY 05 1975  
O & G CONS. COMM.

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